

REMARKS

Initially, the applicants would like to thank the examiner for the courtesies extended to the undersigned during the personal interview of 5 October 2009. During the interview, a proposed amendment to the independent claims reciting that the mode information of the table includes title numbers corresponding to MOVIE objects, class objects and htm objects were discussed. As discussed below, claims 48, 59, 70 and 71 have been amended to recite features associated with the exemplary embodiment shown, for example, in Figs. 23A-23C in which the mode information of the table includes title numbers corresponding to MOVIE objects and JAVA objects.

Claims 48, 59 and 70-75 are currently pending. Pending claims 48, 59, and 70-71 have been amended. Reconsideration of the present application is respectfully requested in view of the above amendments and the foregoing remarks.

Claims 48, 59 and 70-72 were rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,771,334 to Yamauchi *et al.* (hereafter: "Yamauchi") in view of U.S. Patent No. 7,178,106 to Lamkin *et al.* (hereafter: "Lamkin"). For the reasons discussed below, these claims, as amended, are now in condition for allowance.

Independent claims 48, 59, 70 and 71 have been amended to recite features associated with the exemplary embodiment shown, for example, in Figs. 23A-23C in which the mode information of the table includes title numbers corresponding to MOVIE objects and JAVA objects (see e.g., pgs. 60-61). For example, as shown in FIG. 16, a Movie Object includes a branch command to a different title. Here, the index table included in INFO.BD-ROM includes

title numbers such as TITLE # which index to files which have file names to indicate program identification information and file body extensions such as MOVIE or CLASS to indicate mode information.

As a result of using the above-described table, it is possible to expand the range of expression for producing movie works, and to effectively enhance the added value of the video data with a fractional investment of describing playback controls (see pg. 8, lines 17-22).

Yamauchi describes an improvement to a multimedia disc for enabling a reproduction apparatus to instantly distinguish whether emulated AV functions may be performed for any of the titles. The disc includes a VTS management table which has a Video Manager internal search pointer table and a PGC management information table. The Video Manager internal search pointer table includes a plurality of VM internal search pointers corresponding to a plurality of title numbers and a title playback type which includes a plurality of flags for showing a format for the various titles. Exemplary formats are “sequential single PGC identification”, “no branch” and “no branch between titles”.

The PGC management information table includes a plurality of sets of PGC information. Each set of PGC information is information specifying the retrieval order of VOBs and control procedures of the VOBs. As shown in FIG. 10A, the PGC management information table includes link information showing what set of PGC information should be read next and PGC command table which includes conditional branch commands.

As conceded by the examiner, Yamauchi fails to teach or suggest a table including mode information showing whether the program to be executed is a program described in an object-oriented program language. Lamkin has been cited in order to cure the deficient teachings of Yamauchi.

Lamkin describes a media services interface in which a check is made as to whether the author mode of a DVD is a movie mode or a system mode. Standard DVD playback is initiated if the author mode is movie mode and playback can be performed using the Internet if the DVD is a system mode to provide updated content. If the default player mode is InterActual, a determination is made as to whether platform specific binaries exist for the current platform.

Although the updated content may be a Javascript file, Lamkin fails to teach or suggest describing mode information for the updated content or the content in the DVD showing whether the program recorded on the recording medium to be executed for dynamic control is a program described in an object-oriented programming language, wherein the mode information of the table includes title numbers corresponding to MOVIE objects and JAVA objects as called for in independent claims 48, 59, 70 and 71.

Moreover, Yamauchi and Lamkin fail to recognize the problem solved by the table recited in claims 48, 59, 70-75. That is, the table including mode information of a program can expand the range of expression for producing movie works from solely MOVIE objects to include MOVIE objects and JAVA objects with a fractional investment of describing playback controls. Absent hindsight knowledge of the table recited in claims 48, 59, 70-75, one skilled in the art would have no reason to modify Yamauchi in view of Lamkin.

Therefore, because the combination of Yamauchi and Lamkin fails to teach or suggest a table including mode information showing whether the program recorded on the recording medium to be executed for dynamic control is a program described in an object-oriented programming language, wherein the mode information of the table includes title numbers corresponding to MOVIE objects and JAVA objects, it is respectfully requested that the rejection of claims 48, 59, and 70-75 under 35 U.S.C. 103(a) be withdrawn.

In view of the foregoing, the applicants submit that this application is in condition for allowance. A timely notice to that effect is respectfully requested. If questions relating to patentability remain, the examiner is invited to contact the undersigned by telephone.

Respectfully submitted,

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